PTO/SB/82 (09-03)

Approved for use through 11/30/2005. OMB 0651-0035 Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE the Paperwork Red n Act of 1995, no persons are required to res

VOCATION OF POWER OF **ATTORNEY WITH NEW POWER OF ATTORNEY AND**

CHANGE OF CORRESPONDENCE ADDRESS

porte to a conection of information unless it displays a valid civil control fidinber.				
Application Number	10/023,735			
Filing Date	December 21, 2001			
First Named Inventor	Timo Elomaa			
Art Unit	2132			
Examiner Name	Barron Gilberto Jr.			
Attorney Docket Number	367.40942X00			

I hereby rev	oke all previ	ous powers	of attorney giv	en in the	above-identit	fied ap	pplication:
A Power of Attorney is submitted herewith. OR							
I hereby appoint the practitioners associated with the Customer Number: 22907							
Please change the correspondence address for the above-identified application to:							
⊠ The a	ddress assoc	iated with C	Sustomer Numbe	r: 229	07		
OR							
Firm <i>or</i>	ual Name						
Address							
Address							
City							
Country				State		ZIP	
Telephone				Fax			
I am the:							
Applicant/Inventor.							
Assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)							
		SIGNATUR	RE of Applicant	or Assign	ee of Record		
Name	Sai	ni Saru	(•	
Signature	Signature Signature						
Date	Date 13 April 2005						
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.							
☐ *Total of _	Total of forms are submitted.						

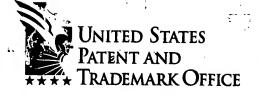
This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/96 (04-03)
Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

ct of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)				
Applicant/Patent Owner: Timo Elomaa				
Application No./Patent No.: 09/867,619 Filed/Issue Date: December 21, 2001				
Entitled: IMPROVEMENTS IN AND RELATING TO THE DI	STRIBUTION OF CONTENT			
Nokia Corporation, a Corpo	ration			
	signee, e.g., corporation, partnership, university, government agency, etc.)			
states that it is:				
1. X the assignee of the entire right, title, and interes	st; or			
2. an assignee of less than the entire right, title, ar	nd interest			
The extent (by percentage) of its ownership	interest is %			
in the patent application/patent identified above by virtue of e	either:			
A. An assignment from the inventor(s) of the patent applied recorded in the Patent and Trademark Office at Reel Cattached.				
OR				
B. A chain of title from the inventor(s), of the patent appli shown below:	cation/patent identified above, to the current assignee as			
1. From: To:_				
The document was recorded in the United States				
Reel, Frame, or for which a copy th	ereof is attached.			
2. From: To:_				
The document was recorded in the United States				
Reel, Frame, or for which a copy th	ereof is attached.			
3. From: To:_				
The document was recorded in the United States				
Reel, Frame, or for which a copy th	ereof is attached.			
☐ Additional documents in the chain of title are liste	d on a supplemental sheet.			
Copies of assignments or other documents in the chain of [NOTE: A separate copy (i.e., the original assignment documents be submitted to Assignment Division in accordance recorded in the records of the USPTO. See MPEP 302.8]	cument or a true copy of the original document) with 37 CFR Part 3, if the assignment is to be			
The undersigned (whose title is supplied below) is empowered	ed to sign this statement on behalf of the assignee.			
13 April 2005	_ 5			
Date	Signature			
+358 50 486 7688	Jami Jara			
Telephone Number Typed or printed name				
IRR External Associates Manager				
	Title			

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



MAY 0 3 2005 CO

APRIL 26, 2002

PTAS

ANTONELLI, TERRY, STOUT & KRAUS, LLP CARL I. BRUNDIDGE 1300 NORTH SEVENTEENTH STREET SUITE 1800 ARLINGTON, VA 22209 Commissioner for Trademarks Arlington, VA 22202-3513 www.uspto.gov



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/26/2002

REEL/FRAME: 012625/0640

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ELOMAA, TIMO

DOC DATE: 02/06/2002

ASSIGNOR:

PALOMAKI, VESA

DOC DATE: 02/12/2002

ASSIGNEE:

NOKIA CORPORATION KEILALAHDENTIE 4, 02150

ESPOO, FINLAND

SERIAL NUMBER: 10023735

PATENT NUMBER:

FILING DATE: 12/21/2001

ISSUE DATE:

SHARON LATIMER, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

03-06-2002



Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) 1 0 2 0	J.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
To the Honorable Commissioner of Parants and Trademarks: P	lease record the attached original documents or copy thereof.
1. Name of conveying party(ies): ELOMAA TIMO PALOWAXI, FEE Anditional name(s) of any veying party(ies) attached? Yes No FEB 2 6 2002 3. Nature of EMPS we yance:	2. Name and address of receiving party(ies) Name: NOKIA CORPORATION Internal Address: KEILALAHDENTIE 4, 02150 Street Address: City: ESPOO, FINLAND State: Zip:
Security Agreement Change of Name	
Other	
•	
Execution Date: February 6 & 12, 2002.	Additional name(s) & address(es) attached? ☐ Yes ☒ No
 Application number(s) or patent number(s): If this document is being filed together with a new application, the Patent Application No.(s) 	execution date of the application is: B. Patent Registration No.(s)
10/023,735, filed December 21, 2001	
Additional number(s) attended to the same and address of party to whom correspondence	ached Ll Yes ⊠ No
concerning document should be mailed:	6. Total number of applications and patents involved 1
Name: Antonelli, Terry, Stout & Kraus, LLP	7. Total fee (37 CFR 3.41) \$40.00
•	⊠ Enclosed
Internal Address:	E Enclosed
	Authorized to be charged to deposit account
1300 North Seventeenth Street Suite 1800 Arlington, VA 22209 USA	8. Deposit account number:
00A	01-2135
City: State: Zip:	0.2.00
	(Attach duplicate copy of this page if paying by deposit account)
DO NOT USE T	HIS SPACE
 Statement and signature. To the best of my knowledge and belief, the foregoing inforcopy of the original document. 	mation is true and correct and any attached copy is a true
Carl I. Brundidge Reg. No. 29,621	02/26/2002
Name of Person Signing Signature	Date
Total number of pages including source	sheet attachments and decuments 2
Total number of pages including cover s	shoer, attachments, and document: K

ASSIGNMENT

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement relating to Improvements in and relating to the distribution of content

	for which an application for Letters Patent to	be filed in the Uni	ted States Patent and
	Trademark Office was executed on even date	.	
\boxtimes	for which U.S. Application Serial No.10/023	735 for Letters Par	ent was filed in the U.S.
	Patent and Trademark Office on December	r 21, 2001	
	for which an International Application	as	, designating the
	United States, was filed on		, ,

AND WHEREAS **NOKIA CORPORATION KEILALAHDENTIE 4** 02150 ESPOO **FINLAND**

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.

NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection

assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Antonneli, Terry, Stout, Kraus, LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this decument.

docun	nent.		
1	FULL NAME OF SOLE OR FIRST NAMED INVENTOR TIMO ELOMAA	INVENTOR'S SIGNATURE	DATE 6-2-LOV2
2	FULL NAME OF SECOND NAMED INVENTOR VESA PALOMAKI	Jun K. July	DATE 12.2.2007
3	FULL NAME OF THIRD NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
4	FULL NAME OF FOURTH NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
5	FULL NAME OF FIFTH NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE